Fast Ethernet Fiber NIC for PCI Express

N-FXE-xx-01

PCI Express Bus 100Base-FX Fiber NIC

N-FXE-xx-01 is a Fiber Fast Ethernet to PCI-Express (PCIe) bus adapter that fully complies with all IEEE 802.3u and 100Base-FX standards. It provides up to 200Mbps full-duplex bandwidth capacity to support high-end systems. In addition, with advanced functions like VLAN filtering packet processing, the adapter provides added performance, flexible configuration and secure networking to users in a standards-based environment.

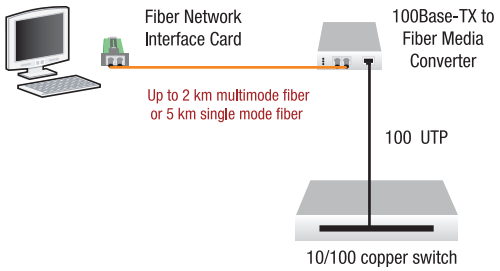
The PCI-Express (PCIe) design gives you the maximum possible bandwidth and bus efficiency, along with low power consumption.

For users equipped with PCI-Express systems, N-FXE-xx-01 provides the ability to easily build or connect to the Fast Ethernet fiber networks.

Features

- PCI-Express x1 Interface
- IEEE 802.3x Full-Duplex Flow Control
- Supports Multicast Frame Filtering
- Supports Asymmetric/Symmetric Flow control
- Supports 802.1q VLAN tagging
- Wake-on-LAN (WoL)
- Microsoft certified drivers
- PXE remote boot support
- RoHS Compliance
- Available with SC, ST, LC multimode and SC, LC single mode fiber connection
- Low-Profile Bracket Included

100Base-FX


Fiber Network Interface Card
100Base-TX to Fiber Media Converter
Up to 2 km multimode fiber or 5 km single mode fiber
100 UTP
10/100 copper switch

Specifications

Standards	IEEE 802.3u Fast Ethernet 100Base-FX IEEE 802.3x Full-Duplex Flow Control IEEE 802.1Q VLAN
Bus Slot	PCIe 1.0
Status LEDs	**LINK/ACT (Link/Activity)**: ON = communication link; FLASHING = activity on link **FDX (Full-duplex)**: ON = Full-duplex link
Software Support	Windows 2000, 2003, XP, NT 4.0, Vista Novell Netware 4.x Linux, NDIS2, PXE & RPL Boot ROM
PCB Dimensions	120 mm (L) 68.5 mm (H)
Power Requirement	3W, +3.3VDC@1A max.
Environment	0° – 50°C; 5% – 90% humidity
Shipping Weight	1 lb. [0.6 kg]
Regulatory Compliance	EMI Standard, FCC Class B, CE Mark
Warranty	Lifetime

Ordering Information

N-FXE-ST-01
100BASE-FX 1300nm multimode (ST)
[2 km/1.2 mi.] Link Budget: 12.0 dB

N-FXE-SC-01
100BASE-FX 1300nm multimode (SC)
[2 km/1.2 mi.] Link Budget: 12.0 dB

N-FXE-LC-01
100BASE-FX 1300nm multimode (LC)
[2 km/1.2 mi.] Link Budget: 13.0 dB

N-FXE-SC5-01
100BASE-FX 1310nm single mode (SC)
[5 km/3.1 mi.] Link Budget: 12.0 dB

N-FXE-LC5-01
100BASE-FX 1310nm single mode (LC)
[5 km/3.1 mi.] Link Budget: 12.0 dB

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